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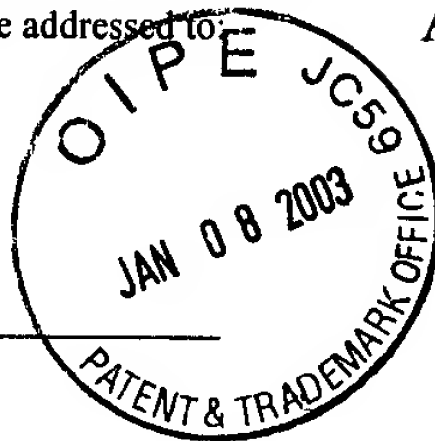
Assistant Commissioner for Patents
Washington, D.C. 20231

On December 17, 2002

TOWNSEND and TOWNSEND and CREW LLP

By:

Sylvia Arnold
Sylvia Arnold



PATENT
Attorney Docket No.: 020031-000810US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John G.K. Williams *et al.*

Application No.: 09/876,374

Filed: June 6, 2001

For: CHARGE-SWITCH
NUCLEOTIDES

Examiner: Lu, Frank

Art Unit: 1634

RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed November 19, 2002, please consider the following remarks.

IN THE CLAIMS

In Applicants' response dated August 9, 2002, newly added claims 49-66 should have been numbered 51-68.

Please renumber claims 49-66 as 51-68:

- 1 **51.** (Amended) An intact charge-switch nucleotide phosphate (NP) probe,
- 2 wherein, upon enzymatic cleavage of said intact charge-switch NP probe to produce a phosphate
- 3 detectable moiety, said phosphate detectable moiety migrates to an electrode, and said intact
- 4 charge-switch NP probe migrates to the other electrode.